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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**PROBABLE TV/MICROWAVE LINK
BETWEEN SMOLENSK AND DAUGAVPILS
U.S.S.R**



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JULY 1970

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PROBABLE TV/MICROWAVE LINK BETWEEN SMOLENSK AND
DAUGAVPILS, USSR

1. This report locates and describes two television/microwave facilities and three microwave relay facilities as components in a probable microwave link between Smolensk and Daugavpils, USSR. This report contains a location map, a photograph of a typical microwave facility, and mensural data for these five facilities.

2. A search of the nine suspect locations on all available photography between Smolensk and Daugavpils resulted in the identification of the five facilities in the probable microwave link. Lack of photography of suitable interpretability for the Liozno (55-02N 030-48E), Borkovich (55-40N 028-19E), Zaprudye (55-49N 027-56E), and Kraslava (55-53N 026-32E) areas precluded the identification of TV/microwave elements at those locations (Figure 1).

3. The entire search area was covered by KH-4 photography of fair interpretability. The cities of Smolensk, Vitebsk, Polotsk, and Daugavpils were covered [redacted] of good interpretability.

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4. The typical TV/microwave facility consists of a tower, a control building, and one or more support buildings. The Smolensk and Daugavpils facilities contain self-supporting lattice-type TV towers but no microwave elements were observed. The Vitebsk and Polotsk facilities contain guyed lattice-type microwave towers, each supporting two R60/120 microwave elements (Figure 2). The small scale of available photography precluded positive identification of the type of tower at the Dobrino facility. Of the five facilities listed below, all except Dobrino are fenced.

Smolensk RadRel A TV Rel A FM BC Sta
54-46-52N 032-02-50E, [redacted]

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25X1

Vitebsk RadRel A TV Center
55-11-45N 030-10-50E, [redacted]

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Dobrinio Possible Microwave Facility

55-10-20N 028-30-50E, BE None, [REDACTED]

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Polotsk Microwave Facility

55-28-30N 028-49-45E, BE None, [REDACTED]

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Daugavpils TV Rel A FM BC Sta

55-52-20N 026-32-05E, [REDACTED]

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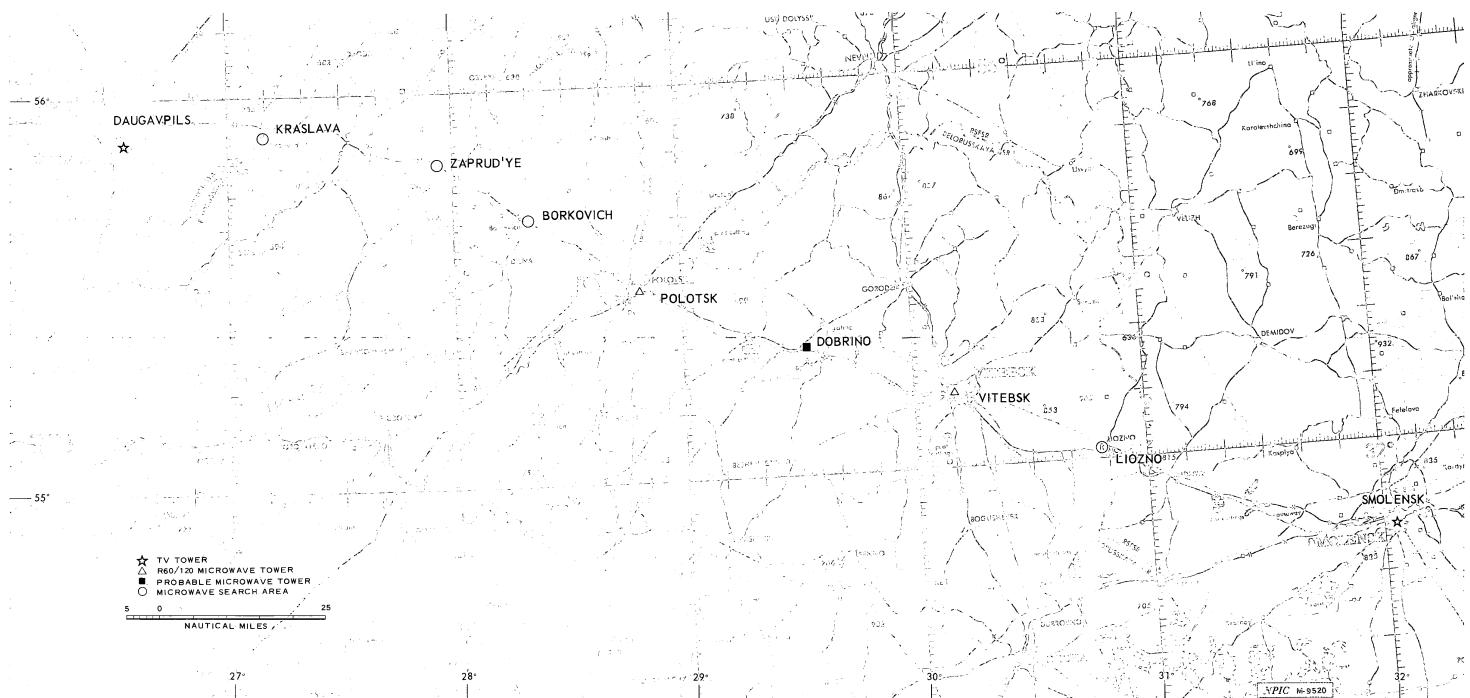


FIGURE 1. LOCATION MAP

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